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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,505	09/12/2003	Ting-Hsing Chen	MR1111-1182	1812
4586	7590	02/23/2005	EXAMINER	
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			LEE, Y MY QUACH	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 02/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/660,505

Applicant(s)

CHEN, TING-HSING

Examiner

Y Quach Lee

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-4 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 September 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### ***DETAILED ACTION***

#### ***Drawings***

1. The drawing figure 2 is objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "6", "35" and "351" have all been used to designate the same element even-though they are differently named as "a tube", "a cover" and "a hollow axle tube" as set forth on page 3 of the specification.

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

2. The drawing figure 3 is objected to because there is no reference numeral accompanying the lead line above and adjacent to the reference B-B.

Corrected drawing sheets are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

#### ***Specification***

3. The disclosure is objected to because of the following informalities: Page 3, the term "cover" is presented by two separate reference numerals "34" and "35". Page 3, line 24, the reference numeral "35" is incorrect and should be changed to --34-- in view of drawing figure 2, in view of the reference numeral "6" and the reference numeral "35" is pointing at the same element and are located in the cover 34. Page 4, line 8, the reference numeral "35" is inaccurate and should be corrected in view of the above mentioned objection to the drawing figure and specification. Page 4, lines 10 and 12, the term "electrically" should be inserted before the term

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“connected” to properly describe the invention. Page 4, the term “the rollers 3” on line 16 and “each roller 3” on line 18 are improper and should be corrected because the rollers are not conductive elements. Page 4, line 23, the term “the cover 35” is inaccurate and should be corrected in view of the above mentioned objection to the drawing figure and specification. Appropriate correction is required.

#### ***Claim Objections***

4. Claims 1 to 4 are objected to because of the following formalities: In claim 1, line 17, the term “being inserted by” is improper and should be changed to --receiving-- to properly describe the claimed invention. Also, line 19, the term “electrically” should be inserted before the term “connected” to properly describe the claimed invention. In claim 2, line 3, the term “electrically” should be inserted before the term “connected” to properly describe the claimed invention. Also, line 4, after “unit”, --through the sleeve of the fastener and other said shaft-- should be inserted, in view of drawing figure 4, to properly describe the claimed invention. In claims 3 and 4, line 2, the term “two” should be changed to --pair of--, in view of the term “a pair of electric wires” on lines 3 to 4 of claim 1, to provide a proper antecedent basis. In claim 3, line 3, the term “said shafts of said roller” is incorrect and should be changed to --other said shaft of said roller and said sleeve of said fastener-- in view of drawing figure 4. Appropriate correction is required.

5. Claims 1 to 4 would be allowable if rewritten or amended to overcome the objection set forth in this Office action.

6. Claims 1 to 4 contain allowable subject matter because the prior art whether individually or in combination does not suggest the combination features as claimed in claim 1 specifically a base unit comprising a pair of conducting plates to be connected with a pair of electric wires of a generator unit, a pair of electric wires of an illumination element of a roller connecting with a pair of shafts at respective sides of an insulating sleeve at a center of each roller, a conductive tube secured to one side of each roller and engaged to one of the shafts of each of the rollers and receiving a sleeve of a conductive fastener inserting through the insulating sleeve and secured by a bolt of the fastener with the conducting plates of the base unit electrically connected with other of the shafts of each of the rollers and the bolt to transfer electricity.

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7. This application is in condition for allowance except for the above formal matters.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

***Conclusion***

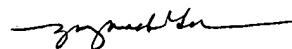
8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dai, Conway, Pozzobon et al., Chen (0046340) and Chen (0178799) are cited to show other pertinent roller skates with lighting systems.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Y Quach Lee whose telephone number is 571-272-2373. The examiner can normally be reached on Tuesday and Thursday from 8:30 am to 4:30 pm.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service whose telephone number is 571-272-2815.

Y. Q.  
February 17, 2005



Y Quach Lee  
Patent Examiner  
Art Unit 2875